

AIR TRAFFIC CONTROL  
AT MOFFETT FEDERAL AIRFIELD

ATC-REQUEST FOR INFORMATION  
Questions Set 1

1. Hourly traffic count is necessary for optimization of the towers hours of operation, determining the best times for ATCALS preventative maintenance outages, scheduling flight checks, etc. Is hourly traffic count available? If not, it would be very beneficial to initiate it as soon as possible in order to gather historical information leading up to the potential contracting of air traffic control services at Moffett Federal Airfield.
  - o The Traffic count is available in 6 hour Blocks of time i.e. 0600 to 1200.
2. According to the U.S. Air Force Air Traffic Activity Report for Fiscal Year (FY) 2007, Moffett Federal Airfield Tower reported 76,836 operations in FY 2007. According to the Request for Information, "Moffett Federal Airfield (MFA) is restricted to 25,000 operations per year..." How is this restriction enforced?
  - o In 2007 Moffett had 19,375 actual takeoffs and landings which count against the Environmental Impact Statement. The additional 57,461 are in an overflight category for aircraft transitioning through or over Moffett airspace which does not count against our EIS. The ATC personnel send airfield management monthly operations data so that airfield management can contain operations within the 25000 cap.
3. Is the weather station at the tower a Limited Aviation Weather Reporting Service (LAWRS) station? If not, what type of station is it and who conducts the certification of the weather observers? Is there an Automated Surface Observing System (ASOS) Operator Interface Device (OID) in the tower cab?
  - o NASA has an Interagency Space Act agreement with National Weather Service to perform maintenance and certification of the ASOS. The information from ASOS is available in the tower cab.
4. One of the requirements in the Statement of Work is for the Contractor to "accomplish procedures for Emergency instructions for maintaining tower operations remotely..." Is there a suitable mobile tower facility located on the airfield, or is it the responsibility of the Contractor to provide one?
  - o There is no mobile tower. Remote communications can be accomplished through the NASA provided Trunking Radio System.
5. Paragraph III.A. of the Statement of Work refers to "restricted facilities" that must be maintained "in a neat and orderly condition..." Besides the air traffic control tower, what other facilities is the paragraph referring to? Is it referring only to the interiors of the facilities, or will grounds keeping (i.e. mowing lawns, maintaining landscaping, etc.) also be required.
  - o This paragraph is in reference to the assigned office (s), and tower cab interiors for general house keeping practices. Mowing of lawns and maintaining landscapes is not a part of this requirement.
6. In the Statement of Work, paragraph I.A. states, "The contractor shall provide flight following services, traffic density permitting." Paragraph IV.A. states, "The contractor shall provide flight following services to all aircraft that request it, for all aircraft operating within the MFA." Flight following, or traffic advisories to VFR aircraft, is an additional service for VFR tower controllers and can only be provided workload permitting. The Approach Controller must provide this service to all IFR aircraft. A VFR tower controller's primary responsibility is to separate aircraft on the runway. Is it the intent of NASA to require this service within the Moffett Federal Airfield Class D airspace as an additional service, or a mandatory first priority service?
  - o This requirement will be removed from the statement of work. This service is currently provided by another contractor.

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7. Please verify that suitable recorder equipment is provided in the tower, or will the contractor be required to provide this equipment?
  - Suitable recorder equipment is provided by the government.
8. Will contractor employees be required to have a security clearance, if so, what type of clearance will be required and what will be the process for obtaining one?
  - No. A security clearance is not required.
9. The FAA has the responsibility/authority to conduct air traffic control facility airman certifications (CTO). The Administrator or his/her designee can designate examiners within the FAA or the military. Will the FAA or the military be conducting facility certification examinations (CTO) for the air traffic control specialist?
  - Yes
10. Will NASA furnish all of the required FAA, NASA and MFA orders, manual, charts and publications for the operation of the tower?
  - Yes
11. When the tower is closed, does the NASA dispatch office operate the UNICOM?
  - Yes all radio communications are switched over to the dispatch office for monitoring purposes only. If an aircraft is landing after hours a patrol car meets the aircraft to ensure landing is authorized.
12. Providing briefings in the tower cab can create a distraction for the controllers and in turn a safety issue. Is NASA open to controls being placed on such visits (e.g., limited visitor group sizes, limited length of visits, restricted times for visits when adequate tower staff is available to conduct visits)?
  - Yes
13. The maintenance responsibility of the equipment listed in the SOW is unclear with respect to there being no maintenance personnel listed under SOW Section H. Will it be the responsibility of the contractor to provide preventive maintenance (PM) and corrective maintenance (CM) of the equipment listed?
  - Yes
14. If PMs and CMs are the responsibility of the contractor, will the government be providing the TMDE for these functions?
  - The government will not be providing TMDE.
15. If the contractor is responsible for the CM of the equipment, who will be responsible for the procurement of repair parts ie. Circuit boards, modules, electronic assemblies, antenna etc?
  - The Contractor.
16. If the contractor is required to include the estimated repair parts costs in their price, will the government provide a detailed history of each piece of equipment that will be the responsibility of the contractor?
  - Use \$100,000 in your cost ROM for repair parts costs.
17. There is no requirement in the SOW for the contractor to maintain aviation liability insurance. Will there be a requirement for contractor to maintain aviation liability insurance and if so at what level?
  - The Contractor will be required to maintain aviation liability insurance at the industry standard level.

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18. Will NASA/Federal Government assume public liability?
- No.
19. Current staffing levels have been provided for the air traffic controllers. What are the current staffing levels for the maintenance personnel?
- NASA has not provided current staffing levels and this information will not be provided at this time. Please use the Draft Statement of Work to determine the best staffing for this requirement.
20. Is the L3 Airfield Support Contract currently covering the maintenance items included in the SOW?
- No.
21. Will your office conduct an "Industry Day" or permit interested respondents to tour the facilities and equipment that are to be operated and maintained by the successful contractor?
- There will not be an Industry Day for this Request for Information. However, if a solicitation is issued for this requirement, a decision to hold an Industry Day and / or Presolicitation Conference will be made at that time.
22. Will your office provide a data collection of air traffic activity at Moffett Federal Airfield? Will this data collection include details that drill down to activity by hour, by day of week, and by month?
- NASA can provide airfield data in 6 hour blocks of time (i.e., 0600-1200)
23. Are there approach lights (ex: ALS, MALS/R, etc.) that will be the responsibility of the successful contractor to maintain? Normally, ILS systems, which are commonly used at this type of airport to conduct precision approaches, require operational approach lights for the pilot to execute the approach.
- The Contractor will not be required to maintain approach lights.
24. How many back-up generators are to be maintained by the contractor, how much power is each of these generators capable of producing, and what are their ages?
- The Contractor will not be required to maintain back-up generators.
25. Does the Tower equipment include voice switching technology (ex: ICSS), Radar Brite Display, DASI, etc.
- The Tower equipment includes, but is not limited to the following: RACD display, Ace IDS5, FDIO/printer, ASOS monitor, smart ATIS, light guns and trunking radios.
26. What model of ILS equipment is installed at Moffett Federal Airfield? Is the Glide Slope a "capture effect"?
- Moffett does not have a capture effect Glide Slope
27. What is the condition of the central cables?
- Cables are in good condition.